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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

Attorney Docket No.	3157-00009	Total Pages	30
First Named Inventor or Application Identifier			
Express Mail Label No.			EM567776599US

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. Specification [Total Pages 18] (preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 USC 113) [Total Sheets 5] [2]

4. Oath or Declaration [Total Pages 5] [2]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior
application, see 37 CFR 1.63(d)(2) and
1.33(b).

5. Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
 Continuation Divisional Continuation-in-part (CIP) of prior application No.: 08/799,116 /

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

Insert Customer No. or Attach bar code label here

or Correspondence address
below.

NAME	Joseph J. Jochman, Jr., Reg. No. 25,058 ANDRUS, SCEALES, STARKE & SAWALL, LLP				
ADDRESS	100 East Wisconsin Avenue Suite 1100				
CITY	Milwaukee	STATE	Wisconsin	ZIP CODE	53202-4178
COUNTRY	U.S.A.	TELEPHONE	(414) 271-7590	FAX	(414) 271-5770

PTO/SB/17
(10/97)

FEE TRANSMITTAL

Total Amount of Payment (\$ 395.00)

Attorney Docket Number 3157-00009

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 01.2000

Deposit Account Name Andrus, Sceales, Starke & Sawall, LLP

Charge any additional fee required under 37 CFR 1.16 and 1.17 Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)

3. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (fees effective 10/01/97)

1. Filing Fee

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee	Fee	Fee	Fee
101	790	201	395	Utility filing fee	\$395
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 790.00)

2. Claims	Extra	Fee from	Fee Paid
below			
Total claims	6	-20=	X =
Independent	1	- 3=	X =
Claims			
Multiple Dependent		X	=
Claims			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	82	209	41	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

COMPLETE IF KNOWN					
Application Number					3157-00009
Filing Date					03/24/98
First Named Inventor					James L. Soper
Group Art Unit					
Examiner Name					

FEE CALCULATION (continued)

2. Additional Fees

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge-late filing fee or oath
127	50	227	25 Surcharge-late provisional filing fee or cover sheet
139	130	139	130 Non-English specification
147	2,520	147	2,520 For filing a request for reexamination
112	920*	112	920* Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action
115	110	215	55 Extension for response within first month
116	400	216	200 Extension for response within second month
117	950	217	475 Extension for response within third month
118	1,510	218	755 Extension for response within fourth month
128	2,060	228	1,030 Extension for response within fifth month
119	310	219	155 Notice of appeal
120	310	220	155 Filing a brief in support of an appeal
121	270	221	135 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive unavoidably abandoned application
141	1,320	241	660 Petition to revive unintentionally abandoned application
142	1,320	242	660 Utility issue fee (or reissue)
143	450	243	225 Design issue fee
144	670	244	335 Plant issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Statement
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	790	246	395 Filing a submission after final rejection (37 CFR 1.129(a))
149	790	249	395 For each additional invention to be examined (37 CFR 1.129(b))
Other fee (specify) _____			
Other fee (specify) _____			

SUBTOTAL (3) (\$ 0)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Type or Printed name Joseph L. Jochman, Jr.
Andrus, Sceales, Starke & Sawall, LLP

COMPLETE (if applicable)

Registration Number

25,058

Signature

Date 03/24/98

Deposit Account User ID

Applicant: James L. Soper

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CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service at EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner of Patents and Trademarks, Washington D.C., 20231 on 3/24/98. The Express Label is EM567776599US.



Barbara A. Johnson

Name

March 24, 1998

Date

Signature

A handwritten signature in cursive ink that reads "Barbara A. Johnson".

March 24, 1998

Date